

Converting Colors

Yxy(57.4497, 0.2802, 0.2839)

Have a look what the booklet for
Yxy(57.4497, 0.2802, 0.2839)
contains.

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Color

Yxy(57.4497, 0.2802, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	BEC6ED
RGB	190, 198, 237
RGB Percent	75%, 78%, 93%
CMY	0.2552, 0.2234, 0.0706
CMYK	0.20, 0.16, 0.00, 0.07
HSL	230°, 57%, 84%
HSV	230°, 20%, 93%
XYZ	56.7010, 57.4497, 88.2083
YIQ	200.0540, -17.2870, 10.4330

Conversions

Conversions Part 2

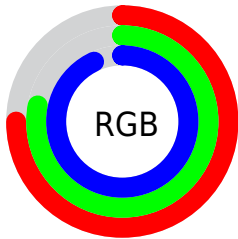
Format	Color
R_{YB}	190, 197, 237
Decimal	12502765
CIE _{Lab}	80.43, 5.25, -20.18
CIE _{LCh}	80, 20.854, 284.591
Yxy	57.4497, 0.2802, 0.2839
Android (android.graphics.Color)	4290692845 (0xFFBEC6ED)
YUV	200.0540, 18.2144, -8.8174
Hunter-Lab	75.7956, 0.8896, -15.9427

Details

The Yxy color **57.4497, 0.2802, 0.2839** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.6972, 0.3442, 0.3704**, and the grayscale version is **57.6828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **28.5170, 0.2719, 0.2724** is the 20% darker color. If you saturate the color by 10%, you get **46.2469, 0.2616, 0.2571**, and if you desaturate by 10%, it is **70.3156, 0.2974, 0.3080**.

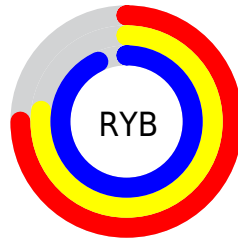
Distribution



Red (75%)

Green (78%)

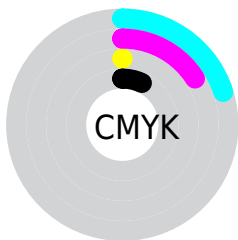
Blue (93%)



Red (75%)

Yellow (77%)

Blue (93%)

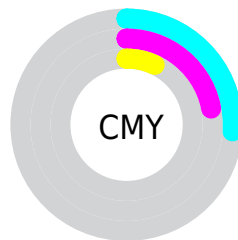


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4497, 0.2802, 0.2839 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.4497, 0.2802, 0.2839 by changing the saturation by 10% instead.

■ 57.4497, 0.2802,
0.2839

■ 57.4497, 0.2802,
0.2839

415.1323, 0.2958,
0.3052

■ 41.3664, 0.2765,
0.2789

■ 101.1211, 0.2857,
0.2914

■ 28.6055, 0.2718,
0.2728

129.4779, 0.2879,
0.2943

■ 18.7826, 0.2659,
0.2649

162.6947, 0.2897,
0.2967

■ 11.5133, 0.2579,
0.2545

201.1559, 0.2912,
0.2989

■ 6.4132, 0.2467,
0.2401

245.2459, 0.2926,
0.3008

■ 3.0979, 0.2300,
0.2193

295.3490, 0.2938,

■ 1.1831, 0.2031,

0.3024

0.1866

351.8497, 0.2949,
0.3039

0.0478, 0.0978,
0.0269

0.0000, 0.0000,
0.0000

57.4497, 0.2802,
0.2839

57.4497, 0.2802,
0.2839

46.2469, 0.2616,
0.2571

70.3156, 0.2974,
0.3080

36.6319, 0.2421,
0.2280

84.9018, 0.3129,
0.3293

28.5340, 0.2222,
0.1974

98.8935, 0.3232,
0.3464

21.8742, 0.2029,
0.1664

■ 16.5663, 0.1854,
0.1367

■ 12.5145, 0.1709,
0.1104

■ 9.6094, 0.1603,
0.0890

■ 7.7040, 0.1538,
0.0737

■ 7.6819, 0.1538,
0.0735

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4497, 0.2649, 0.2902



57.4497, 0.2802, 0.2839



57.4497, 0.3046, 0.2889

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4497, 0.2802, 0.2839



57.4497, 0.3664, 0.3470



57.4497, 0.2923, 0.3568

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.4497, 0.2802, 0.2839



77.6972, 0.3442, 0.3704

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.4497, 0.3190, 0.3737



57.4497, 0.2802, 0.2839



57.4497, 0.3624, 0.3665

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4497, 0.2802, 0.2839



57.4497, 0.3552, 0.3242



57.4497, 0.3448, 0.3769



57.4497, 0.2716, 0.3318

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4497, 0.2802, 0.2839



57.4497, 0.3231, 0.2976



57.4497, 0.3448, 0.3769



57.4497, 0.3008, 0.3637

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.4520, 0.2802, 0.2839



89.3941, 0.3035, 0.3165



77.1196, 0.2878, 0.3386



18.8966, 0.3025, 0.3150



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4520, 0.2802, 0.2839



62.0021, 0.2725, 0.2729



55.8682, 0.2905, 0.2759



14.9675, 0.2980, 0.3089



4.3250, 0.1543, 0.0755



0.4620, 0.1606, 0.0983

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.8793, 0.3455, 0.3203



64.1297, 0.3545, 0.3183



79.8173, 0.3321, 0.3802



15.0963, 0.3266, 0.3250



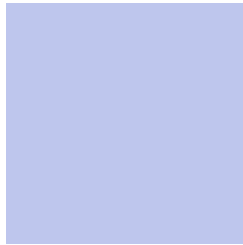
9.9294, 0.6142, 0.3157



0.7921, 0.5785, 0.2960

Previews

White Background



This preview shows how the Yxy color 57.4497, 0.2802, 0.2839 looks on a white background.

Color Contrast Check

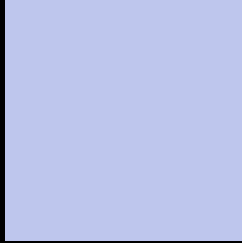
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.4497, 0.2802, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

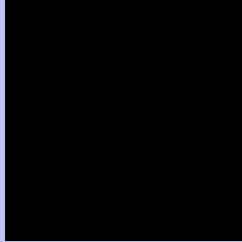
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4497, 0.2802, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 57.4497, 0.2802, 0.2839.



This preview shows how white text looks on a background with the Yxy color 57.4497, 0.2802, 0.2839.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.4497, 0.2802, 0.2839

Protanopia

57.5790, 0.2809, 0.2840

Deuteranopia

57.4826, 0.2865, 0.2802



Tritanopia

57.2221, 0.2905, 0.3097

Trichromacy



Original Color

57.4497, 0.2802, 0.2839

Protanomaly

57.5790, 0.2809, 0.2840

Deuteranomaly

57.3887, 0.2837, 0.2810

Tritanomaly

57.2552, 0.2865, 0.3005

Monochromacy



Original Color

57.4497, 0.2802, 0.2839

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3867, 0.3005, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4497, 0.2802, 0.2839 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 198, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 198, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 237) }
```

Border

The CSS property to change the border of an element to Yxy 57.4497, 0.2802, 0.2839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 198, 237) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 198, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 198, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4497, 0.2802, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
198, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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